

ActivBoard 500 Pro

THE ANNOUNCEMENT

What has been announced?

Promethean has announced a new addition to the Promethean ActivBoard family, The 578 Pro. It joins the 587 Pro and 595 Pro offering Dual-User Pen and Touch technology.

Promethean's ActivBoard 500 Pro range sets the standard for the new class of interactive whiteboard and is designed to realize and maximize the potential of the next generation of applications and emerging multi-touch content standards.

What are the main features of the product?

- State-of-the-art, precision interactive whiteboard technology combined with the latest advancements in multi-touch capability.
- Interactive Dual-User Pen and Touch technology to promote new, engaging, and interactive teaching and learning opportunities for all.
- Multi-touch capability across the whole surface to support enhanced user collaboration and extended learning opportunities.
- Provides an intuitive and natural way of performing tasks with objects: modelled on real world hand behavior and gestures.
- Intuitive and interactive interface to support a wide range of learning types.
- A rich, open platform supporting content and application innovation.
- Seamlessly integrates with a full range of Promethean solutions.

What Promethean Software is available with the ActivBoard 500 Pro?

- **ActivInspire Profession Edition:** with new features and functionality. Touch functionality exclusive to ActivBoard 500 Pro. Available to download from www.PrometheanPlanet.com/ActivInspire or on DVD on request.
- **Promethean ActivOffice:** brings Microsoft PowerPoint® to life by improving presentations to enhance the opportunity for discussion and interaction. (Separate Fact Sheet, FAQ's and Quick Start Guide are available). Available to download from www.PrometheanPlanet.com/PrometheanActivOffice
- **Promethean Applications:** 'NoteBoard' and 'TouchPad' dedicated ActivBoard 500 Pro multi-touch applications to enhance teaching and learning (Separate FAQ's and Quick Start Guide are available). Available as a download from www.PrometheanPlanet.com/PrometheanApplications

How does ActivBoard 500 Pro support teaching and learning?

The ActivBoard 500 Pro's Dual-User Pen and Touch technology and multi-touch capability supports a more intuitive, natural way of working at the board. This is ideal for supporting a wide range of learning types, i.e. special needs and accessibility, leading to increased levels of engagement and greater understanding. ActivBoard 500 Pro's powerful operating system,

combined with supported Windows 7 touch capabilities, supports new and dynamic ways to teach the curriculum.

Why is Promethean offering a Pen and Touch board?

Technology is transforming how we interact with each other, access, and manipulate data in our daily lives and workplace. ActivBoard 500 Pro supports Promethean's education strategy to meet the needs of customers and deliver a new class of interactive whiteboard to support new teaching applications and emerging multi-touch content standards. Today's learners are tomorrow's leaders.

The mouse, the pen, the pointer or the "tools" that this precision device operates will not disappear. The future of interactive whiteboard teaching and learning is not about the "replacement" of pens with touch but rather the development of a new type of "multi-mode" interface that offers the user the choice of both to suit the task. Handwriting and drawing are naturally served best with a stylus and the functions we naturally assign to the non-dominant hand in real life, such as holding and moving things you are drawing on (e.g. ruler), will be found to work naturally on ActivBoard 500 Pro interface.

PRODUCT

How does the ActivBoard 500 Pro differ from Promethean's other board offerings?

The ActivBoard 500 Pro range is designed to deliver a new generation of applications and multi-touch content standards. The ActivBoard 500 Pro range combines advanced technology with intuitive Dual-User Pen and Touch technology. All other Promethean ActivBoard ranges use Pen input technology.

What sizes of ActivBoard 500 Pro boards will be available?

The ActivBoard 500 Pro Range is available as a 78" (578), 87" (587), and 95" (595) version.

What is included with the ActivBoard 500 Pro?

- 1 x ActivBoard 578, 587 Pro or 595 Pro
- 2 x ActivPen (Teacher type)
- 2 x ActivPen (Student type)
- 1 x 3m USB cable
- 1 x User Guide
- 1 x Amp PSU
- 1 x Wall Fixing Brackets
- ActivInspire Professional Edition via download from Promethean Planet or on DVD on request
- Promethean ActivOffice via download from Promethean Planet
- Promethean Applications 'NoteBoard and 'TouchPad' via download from Promethean Planet

What ActivBoard 500 Pro systems are available?

The ActivBoard 500 Pro is available with a Fixed, Adjustable, Mobile or Mount System with an included Short Throw or Extreme Short Throw Projector. *The ActivBoard 500 Pro Mobile System is only available with an Extreme Short Throw Projector.

The ActivBoard 500 Pro is also available as a ActivBoard only option.

What operating systems are supported with the ActivBoard 500 Pro?

The following operating systems are supported:

- Mac: MacOSX 10.4.11 – 10.6.4 (Tiger/Leopard/Snow Leopard)
- Linux: Ubuntu 9.10 or 10.04; Debian Lenny; Linex Colegios 2010; Linkat 3 and ALT_ Linux (Russia)
- Windows: Windows XP SP3 and above (XP/Vista/7)

Do I need a Windows 7 Machine to operate the ActivBoard 500 Pro?

No, the ActivBoard 500 Pro supports Windows (XP, Vista, W7), MAC (Mac OSX 10.4.11 – 10.6.4) and Linux (Ubuntu 9.10 or 10.04). However, if you have a Windows 7 machine, you can take full advantage of the features of the Operating System and explore “touch” outside of Promethean’s ActivInspire 1.5 Professional Edition software. Programs such as Internet Explorer, MS Paint, MS Touchpack (games and programs), and other various 3rd party software can be used on the board (independently of ActivInspire) in which you can interact with your fingers.

What does multi-touch mean with respect to the ActivBoard 500 Pro?

Multi-touch within ActivInspire (1.5 and above) means the ability of 1 user to manipulate an object using more than 1 touch point (i.e. two fingers). When not using ActivInspire with the ActivBoard 500 Pro, 1 to 4 touch points can be supported when in a Windows 7 environment: as the ActivBoard 500 Pro currently supports up to 4 touch points.

Can the ActivBoard 500 Pro support multi-touch and multi-user?

Yes, more than 1 user can be active at the board simultaneously.

Within ActivInspire (with or without Windows 7 OS) this is either:

- Dual-User Pen (teacher and student) where two users can simultaneously interact with the board independently.
- If Touch mode is activated then two users can independently interact with the board (one using Student Pen and one using Touch).

Outside of ActivInspire, in a Windows 7 environment:

- Up to 4 users can be at the board working independently. An example of this is within Microsoft Paint.



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Does the ActivBoard 500 Pro support touch gestures?

Yes, touch gestures are supported in both ActivInspire (Windows, MAC and Linux), and also in a Windows 7 environment.

What do touch gestures mean and what kind of gestures does the ActivBoard 500 Pro support?

A touch gesture is a physical interaction with the board using your fingers. Examples of this can be moving or resizing an object.

Within ActivInspire the following gestures are supported:

One finger Touch - Tap, Flick or Swipe
Two finger Touch - Pinch or Rotate

Within a Windows 7 environment the following gestures are supported:

<http://windows.microsoft.com/en-us/windows7/Using-touch-gestures>

Will Touch work on a non-Windows 7 machine?

Touch will work on non Windows 7 OS as a mouse, and as touch within Promethean's ActivInspire software.

TECHNICAL INFORMATION

What is the technology used to provide this new functionality?

Promethean have adopted a Passive Electromagnetic and Projected Capacitive sensing interface. This technology allows multi-touch operation. Single and Dual Pen is implemented (as with our ActivBoard 100 and ActivBoard 300 Pro series boards) through Electromagnetic technology. The durability of the board is unaffected as the material interacting with Pen and Touch is a robust melamine surface.

Other than this new technology, is it just like an ActivBoard 300 Pro?

Other than the new touch feature and Windows 7 functionality, the ActivBoard 500 Pro looks, feels and acts just as an ActivBoard 300 Pro.

Is the firmware for the ActivBoard 500 Pro the same for all the ActivBoard ranges?

No, the firmware for the ActivBoard 500 Pro is unique to the board.

Is the ActivDriver for the ActivBoard 500 Pro the same for all ActivBoards ranges?

The latest driver is backwards compatible with all Promethean ActivBoards.

Can the ActivBoard 500 Pro be connected to a computer wirelessly?

There is no wireless connectivity available for the ActivBoard 500 Pro.

How is the ActivBoard 500 Pro powered?

The ActivBoard 500 Pro requires an AC mains connection via a Power Cord. The board also comes with an 18V PSU (which is supplied with the ActivBoard).

Can I connect any PSU (Power Supply Unit) to the ActivBoard 500 Pro?

The ActivBoard 500 Pro range is powered by a power supply unit branded Promethean and type DPS-90GB A or 153413. This is the only approved power supply unit. Do not connect any other power supply unit to the ActivBoard 500 Pro range.

INSTALLATION CONSIDERATIONS

What are the mounting options for the ActivBoard 500 Pro?

The 578, 587 and 595 Pro are suitable for Promethean Mount, Fixed, Adjustable and Mobile Systems.

Can the ActivBoard 500 Pro amplifier & speakers be used to produce sound from other devices?

Yes, the amplifier has four input ports and two output ports to enable additional devices to be connected for sound.

What is the board weight of the ActivBoard 500 Pro?

ActivBoard 578 Pro: 37kg
ActivBoard 587 Pro: 40kg
ActivBoard 595 Pro: 48kg

What are the pack weight and dimensions of the AB 500 Pro systems?

Please refer to the individual Product Specification Sheets as these contain the most current information.

How many ActivBoard 500 Pro Boards can be loaded on a pallet?

ActivBoard 578 Pro: 15
ActivBoard 587 Pro: 15
ActivBoard 595 Pro: 13

How many ActivBoards per container (40ft container load)?

ActivBoard 578 Pro: 120
ActivBoard 587 Pro: 120
ActivBoard 595 Pro: 76

COMPATABILITY WITH EXISTING PROMETHEAN SOLUTIONS

Will existing ActivPens work on the ActivBoard 500 Pro?

Pens which are compatible with Promethean 100, 300 and 300 Pro ActivBoards will work with the ActivBoard 500 Pro.

Will ActivArena Pens and ActivWand work with the new ActivBoard 500 Pro?

ActivArena 50 pens and ActivWand 50 are compatible.

What is the USB connection on the side of the ActivBoard 500 Pro for?

The USB port on the side of the ActivBoard can be used to connect any USB devices. This could be a printer, ActiView or a memory device.

Can dry marker pens be used on the surface of the new ActivBoard 500 Pro?

No, it is not recommended that any type of marker pen be used on ActivBoard 500 Pro. Optional Dry Erase boards are available as a System Accessory for the Fixed, Adjustable and Mobile Systems.

What kind of cleaner should be used with the new ActivBoard 500 Pro?

ActivCleaner is recommended.

WARRANTY AND LICENSING

What is the warranty period on the ActivBoard 500 Pro?

For Promethean ActivCare Warranty Information please visit www.PrometheanWorld.com/ActivCare

What are the support options for the ActivBoard 500 Pro?

The Knowledge Base at www.Prometheankb.com is available to customers at all times.

Access to the Knowledge Base and email support is available in all territories in which the products are available, with the caveat that only a subset of applicable languages may be supported at a given point in time (these currently include and not restricted to: English, French, Spanish, Portuguese, Italian, German and Chinese).

PRICING AND AVAILABILITY

What is the academic price?

Pricing is available on the price list

Is Demonstration unit Pricing available?

Yes, this is available from your account manager.

